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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: Most of Kentucky had three consecutive weeks of above normal rainfall. Up to 11 inches was received during the last 4 weeks in several areas, over 7 inches above normal. Amounts received this week ranged from none to more than 2 inches with an average of 1.04 inches statewide, 0.15 inches above normal. Temperatures averaged 4 degrees above normal and 8 degrees warmer than the previous week. **Topsoil moisture** as of Friday, June 11 was rated 4 percent short, 70 percent adequate and 26 percent surplus. **Subsoil moisture** was 4 percent short, 75 percent adequate and 21 percent surplus. Days suitable for fieldwork averaged 4.4 out of a possible seven. During the drier days, wheat and hay harvest, planting soybeans, setting tobacco, and applying fertilizer were the major farm activities.

CORN: Corn planting is complete except for several thousand acres which will be replanted if weather conditions permit. As of Sunday, June 13, 97 percent of the planted acreage had emerged, compared with 86 percent a year ago, and the average of 95 percent. Emerged corn remained in fair to excellent condition, with 4 percent very poor, 9 percent poor, 21 percent fair, 43 percent good and 23 percent excellent. Some producers may switch to grain sorghum instead of corn if wet weather prevents planting corn in the next week to 10 days.

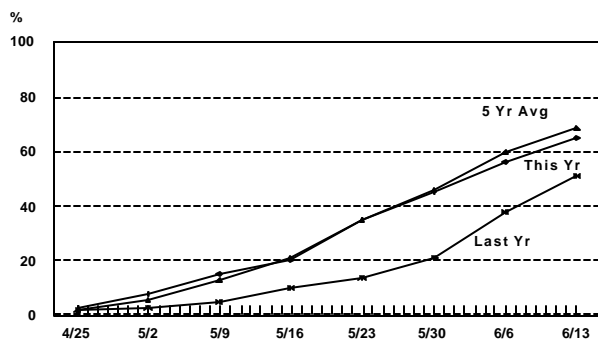
SOYBEANS: Seeding advanced to 65 percent completed by Sunday, June 13. This compares with 51 percent seeded last year, and the average of 69 percent. About 55 percent of planted acreage had emerged, compared with 34 percent a year ago and the average of 59 percent. Planting of double crop beans is underway as wheat and barley harvest is completed. Condition of emerged soybeans was rated 3 percent very poor, 5 percent poor, 26 percent fair, 51 percent good, and 15 percent excellent.

TOBACCO: Tobacco setting made good progress between showers. Producers reported 85 percent of **burley** had been transplanted by Sunday, June 13 compared with 64 percent a year ago and the average of 83 percent. **Dark tobacco** acreage reached 80 percent set, compared with 84 percent last year and the average of 87 percent. Condition of set tobacco was reported 1 percent very poor, 9 percent poor, 24 percent fair, 58 percent good, and 8 percent excellent. Most tobacco plants were small with 68 percent under 12 inches in height, 28 percent from 12-24 inches tall, and 4 percent over 24 inches in height. Blue mold concerns continue in central Kentucky. Wet conditions make it difficult to control weeds and disease.

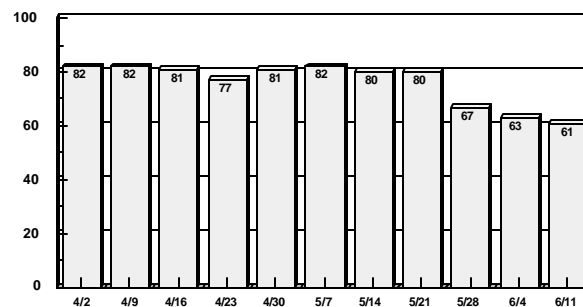
SMALL GRAINS: **Barley** harvest reached 80 percent complete by Sunday, June 13, compared with 55 percent a year ago and the average of 72 percent. **Wheat** harvest was 10 percent completed by the end of the week. This compares with 6 percent a year ago and 13 percent for the average. Some early test weights are light. Head scab and lodging will reduce the quality of the crop. As of Friday, June 11, wheat was reported mostly fair to excellent condition with 1 percent very poor, 9 percent poor, 29 percent fair, 44 percent good and 17 percent excellent.

OTHER CROPS: Getting the first cutting of **hay** out of the field continues to be difficult. The quality of cut hay is marginal because of the very poor curing conditions and the maturity of the crop. **Pastures** were in good to excellent condition and were rated 2 percent poor, 15 percent fair, 56 percent good and 27 percent excellent. **Grain sorghum** planting was 81 percent complete by the end of the week, ahead of both last year and average.

SOYBEAN PLANTING PROGRESS



WHEAT CONDITION
% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING JUNE 13, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn Emerged	97	86	95	95	95
Soybeans Planted	65	51	69	56	85
Emerged	55	34	59	45	70
Sorghum Planted	81	65	70	80	75
Barley Harvested	80	55	72	60	NA
Wheat Harvested	10	6	13	3	NA
Burley Tobacco Set	85	64	83	62	NA
Dark Tobacco Set	80	84	87	65	NA

(NA) Data Not Available.

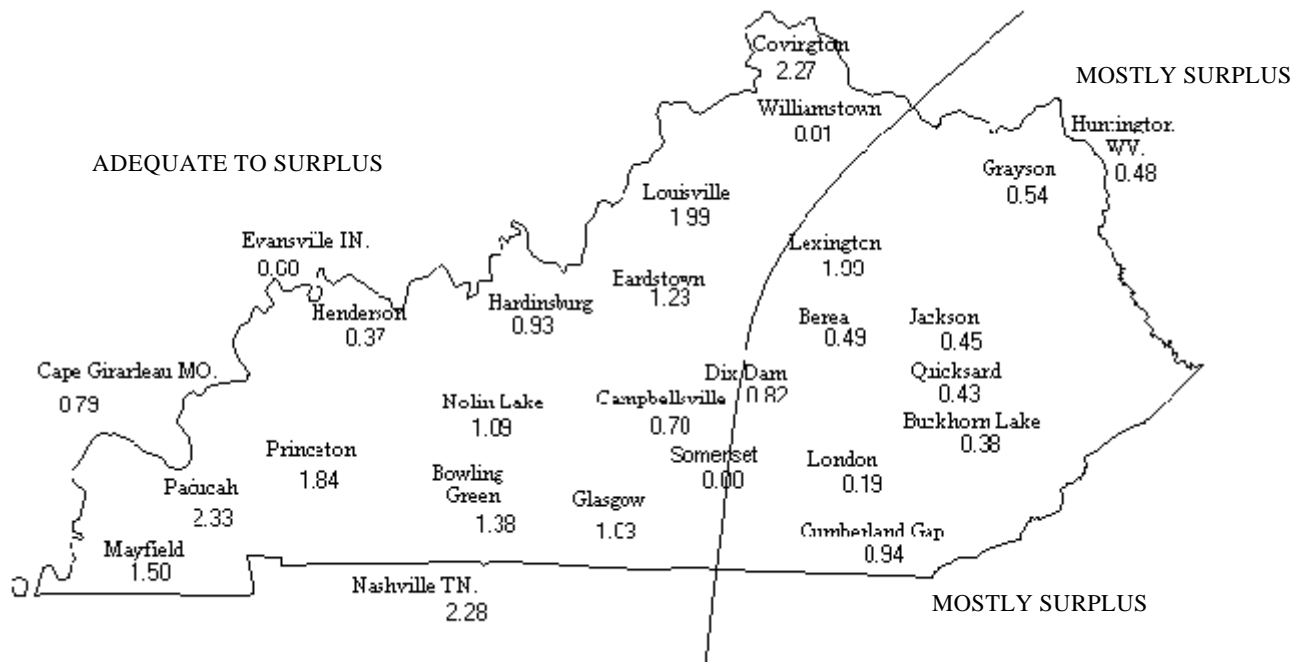
SOIL MOISTURE
WEEK ENDING JUNE 11, 2004
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	4	0
Adequate	70	47
Surplus	26	53
SUBSOIL		
Very Short	0	0
Short	4	0
Adequate	75	56
Surplus	21	44

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 11, 2004					WEEK ENDING JUNE 4, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	4	9	21	43	23	8	11	22	41	18
Soybeans	3	5	26	51	15	1	8	34	47	10
Wheat	1	9	29	44	17	2	10	25	46	17
Pasture	0	2	15	56	27	1	3	14	55	27
Tobacco Set	1	9	24	58	8	2	10	29	52	7

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 13, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 11, 2004



KENTUCKY WEATHER SUMMARY, JUNE 7 - 13, 2004:

ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:

Temperatures returned to above normal values once again this week, and average precipitation values were above normal for the third week in a row. High dewpoint temperatures this week kept conditions warm and muggy. In the morning hours heavy dew and fog were present due to the moist atmospheric conditions. Combined with afternoon temperatures in the middle to upper 80's and lower 90's thunderstorms developed bringing locally heavy rains. Most of the State had rain on Saturday as a frontal boundary passed across Kentucky. Along with heavy rains and thunderstorms, some tornadoes were reported. Sunday was sunnier and drier until the afternoon when more storms developed across the region continuing the weather pattern from earlier in the week.

Temperatures for the period averaged 76 degrees across the State which was 4 degrees above normal and 8 degrees warmer than the previous week. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 1 degree above normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 68 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 5 degrees above normal in the West to 3 degrees above normal in the East. Extreme highs were in the lower 90's. Extreme lows were in the upper 50's.

Rainfall for the period totaled 1.04 inches statewide which was 0.15 inches above normal. Precipitation totals by climate division, West 1.25 inches, Central 1.28 inches, Bluegrass 1.22 inches and East 0.43 inches, which was +0.40, +0.36, +0.34 and -0.49 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at Somerset to a high of 2.33 inches at Paducah.

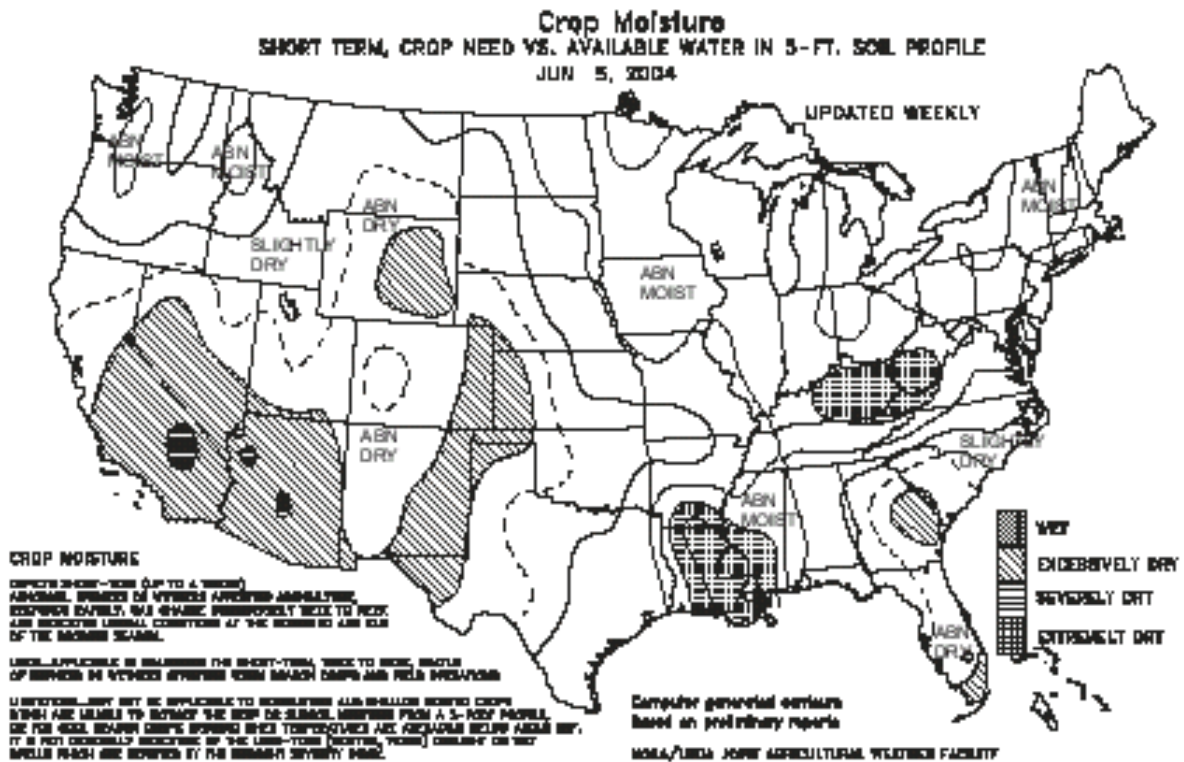
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 13, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	1.23	17.92	9.85	+7.98	+6.10	89	62	75.6	+3	176	1193	+142
Berea	0.49	13.86	7.46	+3.08	+3.42	88	62	76.1	+4	179	1262	+180
Bowling Green	1.38	16.10	6.44	+5.03	+2.24	90	62	77.6	+5	186	1273	+178
Bristol	0.43	9.87	4.36	+1.14	+0.94	89	59	73.2	+1	160	1119	+142
Buckhorn Lake	0.38	16.47	9.79	+6.81	+6.00	86	58	74.4	+3	168	1131	+180
Cape Girardeau	0.79	9.11	2.88	-2.01	-1.13	93	65	77.9	+3	184	1238	+99
Campbellsville	0.70	14.98	6.64	+3.25	+2.33	89	61	75.9	+3	174	1251	+182
Covington	2.27	13.87	7.33	+4.18	+3.60	86	60	74.1	+2	168	1045	+111
Cumberland Gap	0.94	12.98	5.84	+2.24	+1.67	89	60	74.3	+2	166	1159	+195
Dix Dam	0.82	15.60	9.02	+5.05	+5.14	88	62	75.6	+4	178	1197	+146
Evansville	0.68	10.82	5.81	+0.54	+2.00	91	62	78.5	+4	191	1269	+204
Glasgow	1.03	16.00	4.80	+4.40	+0.36	92	62	78.3	+6	184	1349	+327
Grayson	0.54	12.48	6.86	+2.93	+3.13	87	55	74.2	+2	167	1154	+264
Hardinsburg	0.93	17.54	8.94	+6.72	+4.94	89	56	77.1	+4	182	1234	+139
Henderson	0.37	13.53	6.48	+3.08	+2.64	90	60	78.1	+3	186	1258	+163
Huntington	0.48	10.99	5.53	+1.53	+1.87	87	53	74.4	+3	167	1163	+199
Jackson	0.45	16.32	10.85	+6.08	+7.03	85	58	74.7	+3	171	1137	+186
Lexington	1.99	17.41	10.96	+7.47	+7.21	86	62	75.5	+4	176	1118	+171
London	0.19	15.06	8.29	+5.31	+4.66	88	59	74.4	+3	167	1134	+170
Louisville	1.99	19.25	11.16	+8.90	+7.43	89	63	76.8	+4	182	1213	+148
Mayfield	1.50	9.45	3.25	-2.07	-0.63	88	60	75.9	+1	179	1195	+39
Nashville	2.28	16.55	5.18	+5.75	+1.27	92	64	78.7	+6	190	1345	+176
Nolin Lake	1.09	16.62	7.04	+4.91	+2.69	90	60	77.3	+5	183	1270	+245
Paducah	2.33	11.12	4.88	-0.58	+0.73	92	62	78.4	+4	189	1317	+178
Princeton	1.84	14.54	6.44	+3.11	+2.37	90	62	78.2	+4	187	1342	+217
Quicksand	0.43	17.73	10.93	+7.49	+7.11	85	58	74.5	+3	170	1138	+187
Somerset	0.00	13.86	7.75	+2.60	+3.46	87	60	74.0	+2	166	1145	+107
Spindletop	0.95	14.68	9.39	+4.74	+5.64	88	58	75.4	+4	176	1095	+148
Williamstown	0.81	12.93	7.53	+2.74	+3.76	88	60	75.3	+3	174	1141	+194

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center
(859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>



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